

Title (en)
METALLISIED SECURITY ELEMENT

Title (de)
METALLISIERTES SICHERHEITSELEMENT

Title (fr)
ELEMENT DE SECURITE METALLISE

Publication
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Application
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Priority
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Abstract (en)
[origin: US2008094713A1] The invention concerns a security element (11) in the form of a multi-layer film body, a security document having such a security element and a process for the production of such a security element. The film body on a carrier film (10) has a release layer (20), a protective lacquer layer (21), a replication lacquer layer (22) with relief structures (25, 26), a metal layer (23) and an adhesive layer (24). A first relief structure (25) has a depth-to-width ratio of >0.5, whereby the metal layer (23) is more transparent in the region of the first relief structure (25). A second relief structure (26) has a low depth-to-width ratio whereby the metal layer (23) is less transparent or is opaque in the region of the second relief structure (26).

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DE102014011425A1; WO2016015828A1; US10682878B2; EP2821242A1; DE102013009972A1; EP3427968B1

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US 2008094713 A1 20080424; **US 7907339 B2 20110315**; AT E452770 T1 20100115; AU 2005279328 A1 20060309; AU 2005279328 B2 20100325; BR PI0514730 A 20080624; BR PI0514730 B1 20190625; CA 2578377 A1 20060309; CA 2578377 C 20121218; CN 100506561 C 20090701; CN 101035686 A 20070912; DE 102004042136 A1 20060309; DE 102004042136 B4 20061109; DE 502005008757 D1 20100204; DK 1786632 T3 20100426; DK 1786632 T4 20200907; EP 1786632 A2 20070523; EP 1786632 B1 20091223; EP 1786632 B2 20200722; ES 2338675 T3 20100511; JP 2008511847 A 20080417; JP 5124272 B2 20130123; KR 101287749 B1 20130719; KR 20070053309 A 20070523; NO 20071382 L 20070530; PL 1786632 T3 20100630; PL 1786632 T5 20210208; PT 1786632 E 20100318; RU 2007111721 A 20081010; RU 2379193 C2 20100120; SI 1786632 T1 20100430; WO 2006024478 A2 20060309; WO 2006024478 A3 20060526

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